104.9 Stable Isotopic Materials (solid and solution forms)

The isotopic composition of these SRMs has been determined by mass spectrometry.

For light stable isotopic materials value assigned on an artifact based scale, see Table 104.10

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Element/Isoto	Unit Size (in g)
951	Boric Acid, assay and isotopic	Boron	100 powder
952	Boric Acid, 95% enriched ^{10}B, assay and isotopic	Boron	0.25 powder
975a	Isotopic Standard for Chlorine	Chlorine	0.25 g
977	Sodium Bromide	Bromine	0.25 powder
978a	Silver Nitrate	Silver	0.25 powder
979	Chromium Nitrate	Chromium	0.25 powder
980	Magnesium Metal	Magnesium	0.25 chips
981	Lead Metal, natural	Lead	1.0 wire
*982	Equal-Atom Lead Isotopic ($^{208}Pb/^{206}Pb$)	Lead	1.0 wire
*983	Radiogenic Lead Isotopic (92% ^{206}Pb)	Lead	1.0 wire
984	Rubidium Chloride, assay and isotopic	Rubidium	0.25 powder
985	Potassium Chloride, assay and isotopic	Potassium	1.0 powder
986	Nickel Metal	Nickel	0.5 powder
987	Strontium Carbonate, assay and isotopic	Strontium	1.0 powder
989	Rhenium Metal, assay and isotopic	Rhenium	0.003 cm x 0.0076 cm x 1.90 cm ribbon
991	Lead-206 Nitrate Spike, assay and isotopic	Lead	15 solution
994	Gallium Metal, isotopic	Gallium	0.25 disk
997	Thallium Metal, isotopic	Thallium	0.25 rod
*3230	Iodine-129, Isotopic (Low Levels) Iodine	Iodine	4 x 5 mL, plus blank
*3231	Iodine-129, Isotopic (High Levels) Iodine	Iodine	4 x 5 mL, plus blank

*These SRMs are radioactive, containing Lead-210 of natural origin. All users and purchasers must comply with all national and international regulations regarding the use and disposal of